

### Mr. O'Brien Course Methodology Quiz Questions

1. **True**      **False**      Your notebook must have grid paper.
2. **True**      **False**      Homework will be assigned every class.
3. **True**      **False**      You must have your Macbook with you every class.
4. **True**      **False**      You must have a textbook every class.
5. **True**      **False**      You will only use pencils in math class.
6. **True**      **False**      Mr. O'Brien assigns many repetitive HW problems.
7. **True**      **False**      According to Mr. O'Brien there are two basic keys to success in mathematics- **questioning** and **practice**.
8. **True**      **False**      If you are finished all your work, you may browse the internet on your Macbook.
9. **True**      **False**      The rule of thumb for taking notes in class is "*only write down what Mr. O'Brien tells you to write down*".
10. **True**      **False**      It is ok to write in your textbook if you use pencil and erase afterwards.
11. **True**      **False**      You may do your homework with others from class.
12. **True**      **False**      In this class, getting the right answer is more important than how you got your answer.
13. **True**      **False**      You should wait until class before checking your homework answers in the back of your textbook.
14. **True**      **False**      If you don't know how to do a homework problem, leave it blank.
15. **True**      **False**      If you don't have your homework done for class, you will receive a zero for that assignment.
16. **True**      **False**      Homework will be collected daily and graded.
17. **True**      **False**      If you are absent, you should get the assignment next class.
18. **True**      **False**      Everything that you learn from another source (tutor, website, friend, etc.) must always be referenced and acknowledged by writing so in the margin or at the end of the work that is submitted.
19. **True**      **False**      You may use calculators on all tests but not quizzes.
20. **True**      **False**      Test questions will generally be taken directly from homework assignments.
21. **True**      **False**      You will be given the opportunity to make corrections on every quiz.

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1. True. Use it for homework and most notes.
2. True.
3. True. And it needs to be charged.
4. True. Well, sort of. You need one textbook per table.
5. False. You will also use pens to correct and re-do homework problems. This is mostly for you, so that you know which questions to review before a quiz- if there are no pen marks, then you already knew how to do that problem, and you don't need to revise.
6. False. If you are thinking and playing with each problem, ten to fourteen problems should be plenty. However, if you whiz through questions without giving them much thought, you will probably need more repetitive practice, so you will need to choose more problems to work through (each text section has plenty!). By the end of the year, I hope you come around to my way of thinking- less done thoughtfully is more! That said, you can never do too many practice problems.
7. True. Be prepared to ask and ask and ask in class. Also, ask outside of class. Find some friends in one of the two class sections, and form a study group- chat about math online, work in study hall together, etc. Often you will also need to ask questions of an expert- me, your mom, a tutor, another math teacher. Under the Find O'B link on the class website, you can find when I'm available- just stop by or email to set up an appointment. At the bottom of that page, you will also find a list of the Math Directed Studies- each study hall, there is one math teacher free to help \*you\* with all your math needs! The other key is practice- even if you "get" how to do something, you probably won't be able to demonstrate your knowledge without plenty of practice- you can never do too much math!
8. False. Eighty minutes every other day is not enough time to really learn math, so every minute of class time is precious. When the bell rings, please only use your laptop for math related activities- no email, sport score checking, etc. Trust me, you will never really be "finished all your work" in this class.
9. False. The rule of thumb is "*If it's on the board, write it down (or type it!)*." ☺ You may think that you don't need to write something down because you'll remember it, but if I take the time to write it down, I do want you to have it to look at later.
10. False. The textbooks are too expensive to make any marks in- please feel free to use post-its, though.
11. True. I expect you to! Please don't forget to write the name(s) of whom you work with in the margin of your homework. If I don't see any names, I will know that I need to get you a study-buddy. ☺
12. False. If you think this is true, please re-read the Philosophy and Goals section of the Course Methodology. ☺
13. False. Please check your answers in the back before class and mark your odd questions right/wrong, and then correct those that you are able to correct.

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14. False. If you don't know how to do a problem, review your notes, your textbook, call a friend, email Mr. O'Brien. If you are truly clueless (or, more likely, you don't have time), then at least copy down the problem and any diagrams, and you will receive credit in class for the responsibility points. You can then go back and do the problem after you have received more help in class.
15. False. You will get a zero for your responsibility points, but since homework isn't collected and corrected until test day (the day you should know how to do every question assigned), you can still go back and work on old homework assignments right up until test day. Since answers and extra help are available all unit, you should get 100% for your homework. You should also get 100% for your responsibility grade, since all you need to do to earn your responsibility points is to look at each problem and copy them down (although try to only do this at most once or twice a quarter). This policy is designed to give you flexibility in your busy lives, while still maintaining accountability for the work assigned. Everything I assign is done so for a reason, so it is very important that you do your best to do it all.
16. False. See above. Homework will be collected and graded on test day. It will be checked for completeness daily.
17. False. Go to the website, email Mr. O'Brien, call a friend. If you missed an assessment, see Mr. O'Brien \*before\* the next class to schedule a make-up, or you will need to take the assessment the day you return to class.
18. True. This is an important habit for post-high school academic life.
19. False. You will be able to use a calculator on most quizzes, but each test will have a non-calculator component. As you work on homework problems, ask yourself whether a calculator is required to answer the question- this will help you avoid calculator dependency. Still, don't avoid the calculator- some questions can only be answered with technology. In addition, the calculator often gives greater insight into problems.
20. False. Quiz questions will generally be taken directly from the homework assignments, but test questions will require more thinking- not just regurgitation!
21. False. Since quiz questions are from the homework, you won't need corrections. You will have Supercorrections on every test.